

## Hakowski, Denise

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**From:** Smith, Chris B <Chris.B.Smith@wv.gov>  
**Sent:** Monday, April 11, 2016 10:38 AM  
**To:** Hakowski, Denise  
**Cc:** Cooper, Laura K  
**Subject:** RE: Charleston Sanitary Board Questions

**Follow Up Flag:** Follow up  
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Denise,

Regarding the WER question, it looks to me as if the sample labeled "Site Water Control" for the first sampling event is the effluent mixed with upstream water at design flow as you indicated. It appears that the corresponding sample for the second sampling event is labeled "OUTLET 001". If this is the case I don't know why there is a discrepancy in the identification of the samples. I have sent an inquiry to the lab to confirm this and will let you know as soon as I get a reply. Sorry for the confusion.

Thank you

Christopher Smith  
Environmental Resources Analyst  
West Virginia Department of Environmental Protection  
Division of Water and Waste Management  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
[Chris.B.Smith@wv.gov](mailto:Chris.B.Smith@wv.gov)  
(304) 926-0499 ext. 1341

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**From:** Hakowski, Denise [mailto:Hakowski.Denise@epa.gov]  
**Sent:** Friday, April 08, 2016 11:37 AM  
**To:** Cooper, Laura K <Laura.K.Cooper@wv.gov>  
**Cc:** Smith, Chris B <Chris.B.Smith@wv.gov>  
**Subject:** Charleston Sanitary Board Questions

Hey Laura,

Per my v-mail message, here are some questions regarding the CSB WER and NPDES permit we are hoping WVDEP can help us out with.

NPDES permit questions:

- (1) What is the design flow used for the permit?
- (2) What hardness level was used to calculate the water quality-based effluent limits in the permit.

WER questions:

- (1) The Streamlined WER guidance requires that once the effluent and upstream samples are merged at design flow, chemical analyses be done not only for copper, but also hardness, alkalinity, pH, DOC and TSS. In the

report for the October sample (WER #1), would that be the analytical report that identifies the client sample # as Site Water Control? If that is the case, where are the Site Water Control analytical results for WER #2?

Would appreciate any answers you can get us.

Thanks,

Denise